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China, Peoples Republic of

FAIRS Product Specific

Hygienic Standards for Animal Feed

2006

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Report Highlights:

On October 10, 2001, the General Administration of Quality Supervision Inspection and Quarantine (AQSIQ) of Peoples' Republic of China issued "Hygienic Standards For Feeds." This report contains an UNOFFICIAL English translation. Exporters should carefully discuss regulations and their application with Chinese importers to ensure that their interpretation of the regulation is accurate.

Includes PSD Changes: No
Includes Trade Matrix: No
Unscheduled Report
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Summary

On October 10, 2001, the General Administration of Quality Supervision Inspection and Quarantine (AQSIQ) of Peoples' Republic of China issued "Hygienic Standards For Feeds." These standards relate to allowable limits of certain compounds in animal feeds, the relevant testing methods, and additional regulations governing certain animal health standards. This standard applies to imported and domestic animal feeds.

Additional information on the registration process for animal feed exports to China can be referenced in GAIN Report CH6080.

This Decree was issued prior to China's accession to the World Trade Organization (WTO).

BEGIN TRANSLATION

National Criteria of the People's Republic of China October 10, 2001

GB 13078—2C01 Hygienic Standard for Feeds

Issued by General Administration of Quality Supervision Inspection and Quarantine (AQSIQ) of Peoples' Republic of China

Foreword

All the technical content in this criteria is compulsory.

The criteria serve as the modification and supplement of GB 13078/1999 "Feedstuff Sanitation Standard".

Major technical differences between the criteria and GB 13078/1991 lay in:

----- The allowed amount of chrome in feeds and feedstuff additives is increased in accordance with the objective needs of the feedstuff products.

----- The allowed amount of arsenic in feedstuff additives, premixed feed and concentrated feed for pigs and poultry, and fine fodder additives for cows and sheep is added. The allowed amount of arsenic in phosphate products is modified from 10 mg per kg to 20 mg per kg.

----- The allowed amount of lead in compound feed for ducks, fine fodder additives for cows, concentrated feed for chicken and pigs, born meal, meat bone meal, and compound premixed feed have been added.

----- The allowable amount of fluorine in bicalcium phosphate product is modified from 2000 mg per kg to 1800 mg per kg. The allowable amount of fluorine in bone meal, meat bone meal, compound feed for ducks, fine fodder additives for cows, feedstuff premixed with additives for pigs and poultry, and concentrated feed product for layers, pigs, and poultry have been added.

----- The allowable amount of mould in bean cake (pulp), vegetable seed cake (pulp), fishmeal, meat bone meal, compound feed for pigs, chicken and ducks, concentrated feed for pigs and chicken, and fine fodder additives for cows has been added.

----- In the sanitation index of alatoxin B1, compound feed for poussin is categorized into two categories: prophase and anaphase, and the allowable amounts are modified to 10 µg and 20 µg per kg respectively. Meanwhile, the allowable amount of alatoxin B1 in cottonseed cake (pulp), vegetable seed cake (pulp), bean pulp, compound feed and concentrated for piglets and boars, compound feed and concentrated feed for the duck, compound feed and concentrated feed for quail, and fine fodder additives for cows has been added.

----- The test methods for each sanitation index have been added. The criteria will substitute GB 13078/1991 upon its implementation day. The criteria is proposed and filed by the National Technical Committee for the Industrial Criteria of Feed Industry.

Drafters of the criteria: National Supervision and Test Center for the Feed Quality (Wuhan), Jiangxi Technical Committee for the Industrial Criteria of the Feed Industry, National Supervision and Test Center for the Feed Quality (Beijing), Huazhong Agricultural University, Livestock Farm Institution of Chinese Academy of Agriculture, Wuxi University of Light Industry, China Supervision of Veterinary Medicine, Livestock Farm and Veterinarian Institution of Shanghai Academy of Agriculture, Veterinarian Department of Northwest University of Agriculture, Secretary Office of the National Technical Committee of Industrial Criteria, etc.

Drafting persons of the criteria are listed as follows:

Modification drafter for the "allowable amount of arsenic": Yao Jicheng, Ai Diyun, Yang Lin,

Modification drafter for the "allowable amount of lead": Xu Guomao, Lun Jingliang, Tu Jian,

Modification drafter for the "allowable amount of fluorine": Li Libei, Zhang Hui, Zhang Yu,

Modification drafter for the "allowable amount of mould": Chen Bifang, Xu Qifang,

Modification drafter for the "allowable amount of alatoxin B1": Yu Yanhu, Qi Desheng, Huang Bintang, Yi Jundong, Liu Geng,

Drafter for the "allowable amount of chrome": Lei Zuyu, Qing Fang,

The criteria are collected and edited by Zhen Ximei.

The criteria are to be interpreted by the Secretary Office of the National Technical Committee of Industrial Criteria.

1. Scope

The criteria regulate the allowable amount of harmful materials and microorganisms in feed and the feedstuff additives as well as the relevant test methods.

The criteria apply for all kinds of feed and feedstuff additives is listed in Table 1.

2. Referred Criteria

Clauses contained in the following regulations are referred to in the criteria. Upon the publication of this criteria, all versions listed are effective. All criteria are subjected to modifications. Therefore, users of the criteria shall discuss the possibilities to use the latest versions of the following criteria.

GB/T 8381/1987 Test Methods of Alatoxin B1 in the Feed

GB/T 13079/1999 Test Methods of Arsenic in the Feed

GB// 13080/1991 Test Methods of Lead in the Feed

GB/T 13081/1991 Test Methods of Mercury in the Feed

GB/T 13082/1991 Test Methods of Cadmium in the Feed

GB/T 13083/1991 Test Methods of Fluorine in the Feed

GB/T 13084/1991 Test Methods of Cyanide in the Feed

GB/T 13085/1991 Test Methods of Nitrite in the Feed

GB/T 13086/1991 Test Methods of Dissociated Gossypol in the Feed

GB/T 13087/1991 Test Methods of Isosulfocyanic Ester in the Feed

GB/T 13088/1991 Test Methods of Chrome in the Feed

GB/T 13089/1991 Test Methods of Oxazolidine in the Feed

GB/T 13090/1991 Test of HCH and DDT in the Feed

GB/T 13091/1991 Test Methods of Salmonella in the Feed

GB/T 13092/1991 Test Methods of Mould in the Feed

GB/T 13093/1991 Test Methods of Bacteria Quantities in the Feed

GB/T 17480/1998 Test of Alatoxin B1 in the Feed ELISA

HG 2636/1994 Bicalcium Phosphate for the Feed

3. Requirement

Table 1 describes the sanitation index and test methods for the feed and the feedstuff additives.

New "Sanitation Criteria for the Feed"

The Sanitation Index for the Feedstuff Additives

No.	Sanitation Index Item	Product Description	Index	Test Method	Remark
1	Allowable amount of arsenic (calculated by the total amount) (per kg of product) mg	crushed sand	=2.0	GB/T 13079	Not include the content of arsenic in the organic arsenic agent approved to be used by the national authorities.
		ferrous sulfate, magnesium sulfate			
		phosphate	=20		
		Zeolite sand, bentonite, medical stone	=10		
		copper sulfate, manganese sulfate, zinc sulfate, potassium iodide, calcium iodate, cobalt chloride	=5.0		
		zinc oxid	=10.0		
		fish meal, meat meal, meat bone meal	=10.0		
		Compounding feed for poultry and pigs	=2.0		
		Fine fodder additives for cows and sheep	=10.0		Calculated by the added amount counted as 20% of the compound feed
		Concentrated feed for poultry and pigs			Calculated by the added amount counted as 1% of the compound feed
		The feed premixed with additives for poultry and pigs			
2	Allowable amount of lead (calculated by Pb) (per kg of product) mg	The compound feed for the growing duck, the layer duck and the flesh duck	=5		
		Compound feed for chicken, compound feed for chicken,			
		Fine fodder additives for cows and beef cattle	=8		

		Concentrated feed for the layer and poussin Concentrated feed for the piglet and growing hogs	=13	GB/T 13080	Calculated by the added amount counted as 20% of the compound feed
		bone meal, meat bone meal, fish meal, crushed sand	=10		
		phosphate	=30		
		Compound premixed feed for the layer and poussin Compound premixed feed for the piglet and growing hogs	=40		Calculated by the added amount counted as 1% of the compound feed
3	Allowable amount of fluorine (calculated by F) (per kg of product) mg	fish meal	=500	GB/T 13083	High fluorine feed shall apply the item 4.4 in HG2636–1994
		crushed sand	=2000		
		phosphate	=1800	HG 2636	
		Compound feed for poussin and growing chicken	=250	GB/T 13083	
		Compound feed for layer	=350		
		compound feed for chicken,	=100		
		bone meal, meat bone meal	=1800		
		Compound feed for the growing duck and flesh duck	=200		
		Compound feed for the duck layer	=250		
		Fine fodder additives for cows (cows, boars)	=50		
		Feed premixed with additives for pigs and poultry	=1000	GB/T 13083	Calculated by the added amount counted as 1% of the compound feed

		Concentrated feed for pigs and poultry	Shall equal to the respective specified value of the compounding feed for pigs and chicken, after being converted by the proportional rate		
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Table 1 (Continued)

No.	Sanitation Index Item	Product Description	Index	Test Method	Remark
4	Allowable amount of mould (per g of product) number of mould $\times 10^3$	Corn	≤ 40	GB/T 13092	Limited to 40~100 Prohibited: > 100
		wheat bran, rice bran			Limited to 40~80 Prohibited: > 80
		bean cake (pulp), cottonseed cake (pulp), vegetable seed cake (pulp)	< 50		Limited to 50~100 Prohibited: > 100
		fish meal, meat bone meal	< 20		Limited to 20~50 Prohibited: > 50
		Compound feed for the duck	< 35		
		Compound feed for pigs and chicken	< 45		
		Concentrated feed for pigs and chicken			
		Fine fodder additives for cows and beef cattle			

5	Allowable amount of alatoxin B ₁ (per kg of product) ,μg	Corn	=50	GB/T 17480	
		Peanut cake (pulp), cottonseed cake (pulp), vegetable cake (pulp)			
		Beam pulp	=30		
		Compound feed and concentrated feed for piglet	=10		
		Compound feed and concentrated feed for the growing hog and boar	=20	GB/T 8381	
		Compound feed and concentrated feed for young poussin and chickling	=10		
		Compound feed and concentrated feed for mature poussin, growing chicken and layer	=20		
		Compound feed and concentrated feed for young green duck and young duck	=10		
		Compound feed and concentrated feed for mature green duck and young duck	=15		
		Compound feed and concentrated feed for the quail	=20		
		Fine fodder additives for cows	=10		
		Fine fodder additives for beef cattle	=50		
6	Allowable amount of chrome (calculated by Cr) (per kg of product) mg	Leather albumen powder	=200	GB/T 13088	
		Compound feed for chicken and pigs	=10		
7	Allowable amount of mercury (calculated by Hg) (per kg of product) mg	fish meal	=0.5	GB/T 13081	
		crushed sand	=0.1		
		Compound feed for chicken, Compound feed for pigs			

8	Allowable amount of cadmium (calculated by Cd) (per kg of product) mg	rice bran	=1.0	GB/T 13082	
		fish meal	=2.0		
		crushed sand	=0.75		
		Compound feed for chicken, Compound feed for pigs	=0.5		
9	Allowable amount of cyanide (calculated by HCN) (per kg of product) mg	Cassava	=100	GB/T13084	
		Benne cake, pulp	=350		
		Compound feed for chicken, Compound feed for pigs	=50		
10	Allowable amount of nitrite (calculated by NaNO ₂) (per kg of product), mg	fish meal	=60	GB/T 13085	
		Compound feed for chicken, Compound feed for pigs	=15		
11	Allowable amount of dissociated gossypol (per kg of product), mg	cottonseed cake, pulp	=1200	GB/T 13086	
		compound feed for poussin and growing chicken	=100		
		compound feed for layer	=20		
		Compound feed for growing hogs	=60		
12	Allowable amount of isosulfocyanic ester (calculated by propylene isosulfocyanic ester (per kg of product), mg	Vegetable cake, pulp	=4000	GB/T 13087	
		compound feed for chicken	=500		
		Compound feed for growing chicken,			
13	Allowable amount of oxazolidinethione (per kg of product), mg	Compound feed for poussin and growing chicken	=1000	GB/T 13089	
		compound feed for the layer	=500		
14	Allowable amount of HCH (per kg of product), mg	rice bran	=0.05	GB/T 13090	
		wheat bran			
		Soybean cake, pulp			
		fish meal	=0.3		
		Compound feed for poussin and growing chicken			
		Compound feed for the layer			
		Compound feed for growing chicken	=0.4		

15	Allowable amount of DDT (per kg of product), mg	rice bran	=0.02	GB/T 13090	
		wheat bran			
		Soybean cake, pulp			
		fish meal			
		Compound feed for chicken, Compound feed for pigs	=0.2		
16	Salmonella	The feed	Can't be tested out	GB/T 13091	
17	Allowable amount of bacteria (per g of product), number of bacteria $\times 10^6$	fish meal	<2	GB/T 13093	Limited to: 2~5 Prohibited: >5
<p>Note: 1. The allowable values listed are all calculated based on that the content of dry materials in the feed is 800%.</p> <p>2. When the adding proportion of the compound feed and the feed prefixed with additives is different from that remarked in the criteria, the allowable value of its sanitation index can be converted respectively.</p>					

End of Translation